

ABSTRACT OF THE DISCLOSURE

The invention provides systems and methods for measuring the mass of a substance. In one method, energy is applied to a substance and a response resulting from the application of energy as measured. The mass of the substance is then determined based at least in part on the measured response.

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Figure 1 consists of 12 bar charts, labeled (a) through (l), arranged in a 4x3 grid. Each chart displays the percentage of total protein for various protein types (A, B, C, D, E, F, G, H, I, J, K, L) across different conditions (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12). The x-axis for all charts is 'Fraction' and the y-axis is 'Percentage of total protein'. The charts are arranged in a grid, with each chart having its own legend and y-axis scale. The x-axis for all charts is 'Fraction' and the y-axis is 'Percentage of total protein'.